T. T. I. T. Sem - VI A.T. K-T. Data ware housing 2016-17

QP Code: 78177

(2½ hours)

	Total No. 1	
N	Total Marks: 75 (2) Male with 1:	20
	(2) Make suitable are compulsory.	1/1
	(2) Make <u>suitable assumptions</u> wherever necessary and <u>state the assumptions</u> made. (3) Answers to the <u>same question</u> must be written together.	11,
	(3) Answers to the same question must be written together.	7/
	(4) Numbers to the <u>right</u> indicate <u>marks</u> .	
	(3) Didw Heal Iabelled diamond	
	(6) Use of Non-programmable calculators is allowed.	
1		
a.	Explain star schema model with example	10
þ	What is source system? Briefly explain verious laws in the	20
c. d.		
u.	Describe various strategies by which organizations can get into data warehousing.	
2.		
		10
a. b.		
	Dist major components of Gracle Warehouse Builder Also describe its and its and	
c. d.	Describe the importance of Owbsys schema	
u.	What are data objects? Explain various functions of data object editor.	
2		
3.	Attempt any two of the following:	10
a. L	Explain about cube and dimensions with examples.	
Ь.	What are the various windows available in data object editor? Briefly explain any two of them.	
C.	Explain the steps to create a dimension using dimension wizard.	
d.	Define what is slowly changing dimension Explain type2 and type3 slowly changing	
	dimensions with an example of each.	
		10
4.	Attempt any two of the following:	10
a.	Explain staging and its advantages and disadvantages.	
b.	Explain key lookup operator with example.	
C.	Explain the pre/post-processing operators. What are the attribute groups present in joiner operator? Explain the steps to connect source	
d.		
	tables to target using joiner operator.	
		10
5.	Attempt any two of the following:	- 10
a.	Which attributes are used in a cube to represent its dimensions? Also discuss the naming	
	conventions used for these attributes.	
b.	What is the role of transformation operator in a mapping? Describe SUBSTR transformation	
1, 7	function.	
c.	What are external tables? Explain the steps to create an external table.	
d.	Write short notes on object validation and code generation.	
		10
6.	Attempt any two of the following:	10
a.	A. " 1	
ь. b.	Detail various metadata change management toutines in O	
c.	Discuss Multidimensional Online Analytical Processing. Explain the directions and matching strategies to synchronize a mapping operator with its	
d. 🥎	Explain the directions and the explaint the exp	
S	repository operator.	- 4
1	there of the following:	15
7.	Attempt any three of the following:	
1 .	Attempt any interest of the following and additivity of facts. Briefly explain granularity and additivity of facts. What is a Listener? Explain concisely the steps to configure a Listener.	
o.	What is a Listener? Explain concisely the steps to	
	Explain surrogate keys with an illustrative example. Explain surrogate keys with an illustrative example. Define data flow operators. Explain the role of aggregators and filters in ETL mapping.	
1		
••	Explain the steps to define constant values and again	
	Explaint and Amelytical Processing.	

Explain Real-Time Analytical Processing.

d. e.